



DOCKET NO.: B1102.70029US00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

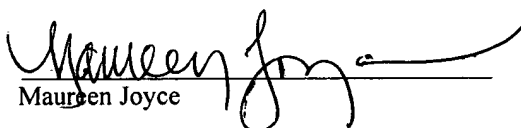
Applicant: Seth T. Rodgers et al.  
Serial No.: 10/664,067  
Confirmation No.: 3250  
Filed: September 16, 2003  
For: MICROREACTOR ARCHITECTURE AND METHODS

Examiner: Not Yet Assigned  
Art Unit: 1744

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 12 day of October, 2004.

  
Maureen Joyce

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**MAIL STOP MISSING PARTS**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- Part 2 - Notice to File Missing Parts
- Declaration (executed)
- Preliminary Amendment
- Replacement Drawings (Figs. 25, 26A-26C, 26E)
- Fee Calculation Sheet
- Supplemental Application Data Sheet
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

Serial No.: 10/664,067  
Confirmation No.: 3250

- 2 -

Art Unit: 1744

A check in the amount of \$1,764.00 is enclosed to cover the basic filing fee, additional claim fee, and surcharge. If the fee is insufficient, the balance may be charged to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Seth T. Rodgers et al., Applicants*

By: 

Timothy J. Oyer, Ph.D., Reg. No.: 36,628  
Tani Chen, Reg. No. 32,728  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
Telephone: (617) 646-8000

Docket No.: B1102.70029US00

Date: 10/12/04

**x10/09/04 (Saturday preceding Monday holiday)**



Docket No.: B1102.70029US00

Inventor(s): Seth T. Rodgers et al.

Serial No.: 10/664,067

Confirmation No.: 3250

Filed: September 16, 2003

CHECK BOX, if applicable:

For: MICROREACTOR ARCHITECTURE AND  
METHODS

☐ DUPLICATE

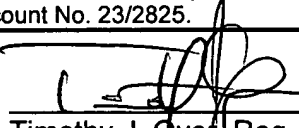
### Fee Calculation Sheet

CLAIMS	FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
	TOTAL CLAIMS (37 CFR 1.16(c))	116-20 =	96 x	\$ 18.00	= \$ 1,728.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	13-3 =	10 x	\$ 88.00	= \$ 880.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +			\$ 300.00	= \$ 0.00
				BASIC FEE (37 CFR 1.16(a))	\$ 790.00
	Fee for Petition for Extension of Time (if any)				\$ 0.00
	Other Fees (if any)				\$ 130.00
			Total of above Calculations =		\$ 3,528.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				\$ 1,764.00
	Assignment Recordation Fee (if any)				\$ 0.00
	TOTAL =				\$ 1,764.00

1. A check in the amount of \$1,764.00 is enclosed.

#### General Authorization to Charge Deposit Account and General Request for Extension of Time

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ ☒ 1.16 or ☒ 1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.
- b. ☐ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ ☐ 1.16 ☐ 1.17 or ☐ 1.18.
3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

  
Timothy J. Oyer, Reg. No. 36,628  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
Telephone: (617) 646-8000

Docket No.: B1102.70029US00

Date: October 12, 2004



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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www.uspto.gov

*DPW*

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/664,067	09/16/2003	Seth T. Rodgers	B1102.70029US00

Timothy J. Oyer, Ph.D.  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210



CONFIRMATION NO. 3250

## FORMALITIES LETTER



\*OC000000013487276\*

Date Mailed: 08/09/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/18/2004 LWONDIM1 00000020 10664067

FILED UNDER 37 CFR 1.53(b)

01 FC:2001	395.00 OP
02 FC:2051	65.00 OP
03 FC:2201	440.00 OP
04 FC:2202	864.00 OP

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 25, 26A-26C, 26E.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$1294** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$1744** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$1294**
  - **\$430** for **10** independent claims over 3.
  - **\$864** for **96** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

*RASANTOS*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE